

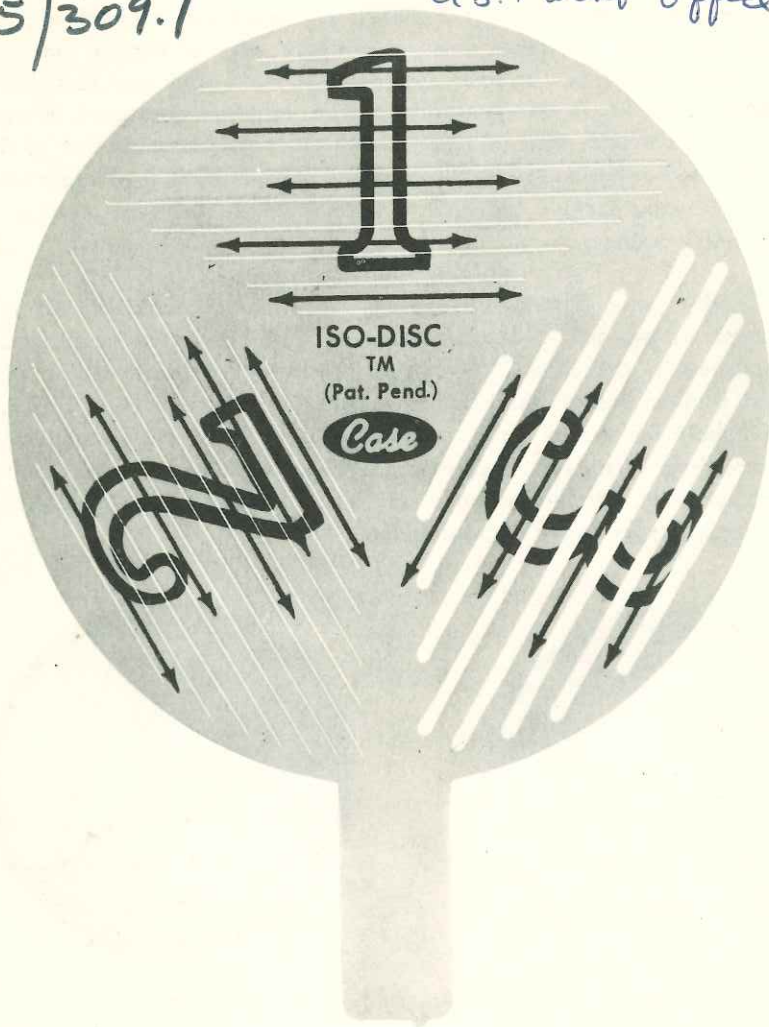
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The Case ISO-DISC is a device that is placed on an agar plate and when rubbed with a cotton swab bearing an inoculum automatically produces isolated bacterial colonies on the plate. It consists of a round, die-cut piece of non-absorbent paper containing three sets of narrow, parallel slits. When placed on the agar surface of a Petri dish and inoculated with a swab, the organisms contained on the swab are deposited through the slits and onto the agar in a pattern which is the same as that of the slits. Isolated colonies are easily obtained and the number of organisms reaching the agar surface, relative to each other, is the same as that in the original inoculum.

The ISO-DISC was first described by Kravitz who demonstrated its advantages as an aid in the isolating of beta-hemolytic streptococci from cultures of the throat.¹ Use of the device eliminates the wire loop and Bunsen burner which till now have been necessary in performing an "isolation streak" on a culture plate. When the ISO-DISC is used according to simple directions, it will guarantee a perfect plate, showing optimum distribution and isolation of colonies even though the user is not an experienced microbiologist.

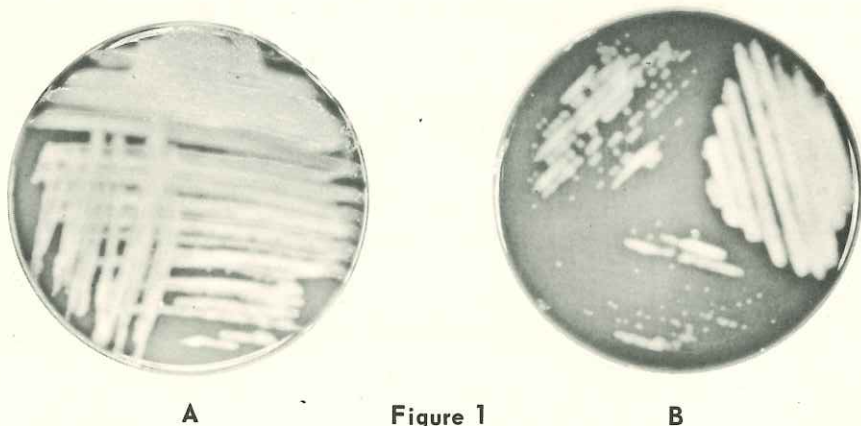


Figure 1 shows two throat cultures made from the same patient. Culture A was taken with a cotton swab and rubbed directly over the agar surface. Culture B was taken with a cotton swab and rubbed over an ISO-DISC previously placed on the agar. Note the well isolated colonies of beta-hemolytic streptococci on plate B.

The ISO-DISC has been tested and found to be efficient as an aid in throat cultures, plates made from rectal swabs, cultures of stools, pus, exudates and body fluids. Studies are now in progress on the use of the ISO-DISC in various phases of industrial microbiology and medical mycology.

ADVANTAGES

The ISO-DISC facilitates the streaking of agar plates, resulting in well isolated colonies. No previous experience in streaking of plates is necessary.

The ISO-DISC eliminates the Bunsen burner and wire loop with all of the tedious procedure attendant to their use.

The ISO-DISC is of extreme value to the busy practicing physician; cultures can be obtained at the bedside, during a house call or in the office. No transport medium or special tubes and swabs are required.

The ISO-DISC can be used by the night staff in the hospital laboratory when taking an emergency culture. The plates can thus be read the next day, eliminating additional labor necessary in performing further isolation techniques. **The plates can be inoculated by unskilled personnel.**

The ISO-DISC is of value to even the experienced bacteriologist, as it will facilitate the culture process and eliminate a significant amount of labor.

The ISO-DISC is available individually packaged with a cotton swab, with or without blood agar plates. All components are sterile.

The ISO-DISC is also available in a bulk package, sterile, for those preferring to supply their own sterile swabs and culture plates.

1. Kravitz, H. "A New Method for Streaking Blood Agar Plates". In press.

PACKAGING AND PRICES

- No. 613.** 144 ISO-DISCS. Packaged in plastic envelopes of 12 each with instructions. Sterile. **\$13.50**
- No. 614.** 1,200 ISO-DISCS. Packaged in plastic envelopes of 12 each with instructions. Sterile. **95.00**
- No. 612.** 48 ISO-DISCS, individually packaged. Each package contains a sterile ISO-DISC, a sterile cotton swab and instructions for use. **7.85**
- No. 611.** ISO-DISC KITS. Each KIT contains: Six sterile CASE sheep blood agar plates, individually packaged and sealed; six plastic envelopes, each containing a sterile ISO-DISC, sterile swab and instructions for use.

PRICES PER KIT

1 Kit	\$4.00
2 - 3 Kits	3.45
4 - 7 Kits	3.30
8 - 16 Kits	3.20
17 - 41 Kits	3.00
42 - 84 Kits	2.85
85 - 168 Kits	2.60
169 - 840 Kits	2.35
More than 840 Kits	2.25

ISO-DISC KITS may be obtained with plates of media other than blood agar. If a substitute medium is desired, please specify type.

All prices shown are net. ISO-DISC KITS, No. 611, may be purchased by standing orders to obtain quantity discounts. Terms: Net 30 days, F.O.B. Factory, Chicago, Illinois. All prices subject to change without notice.